



Support for data-driven decision makers

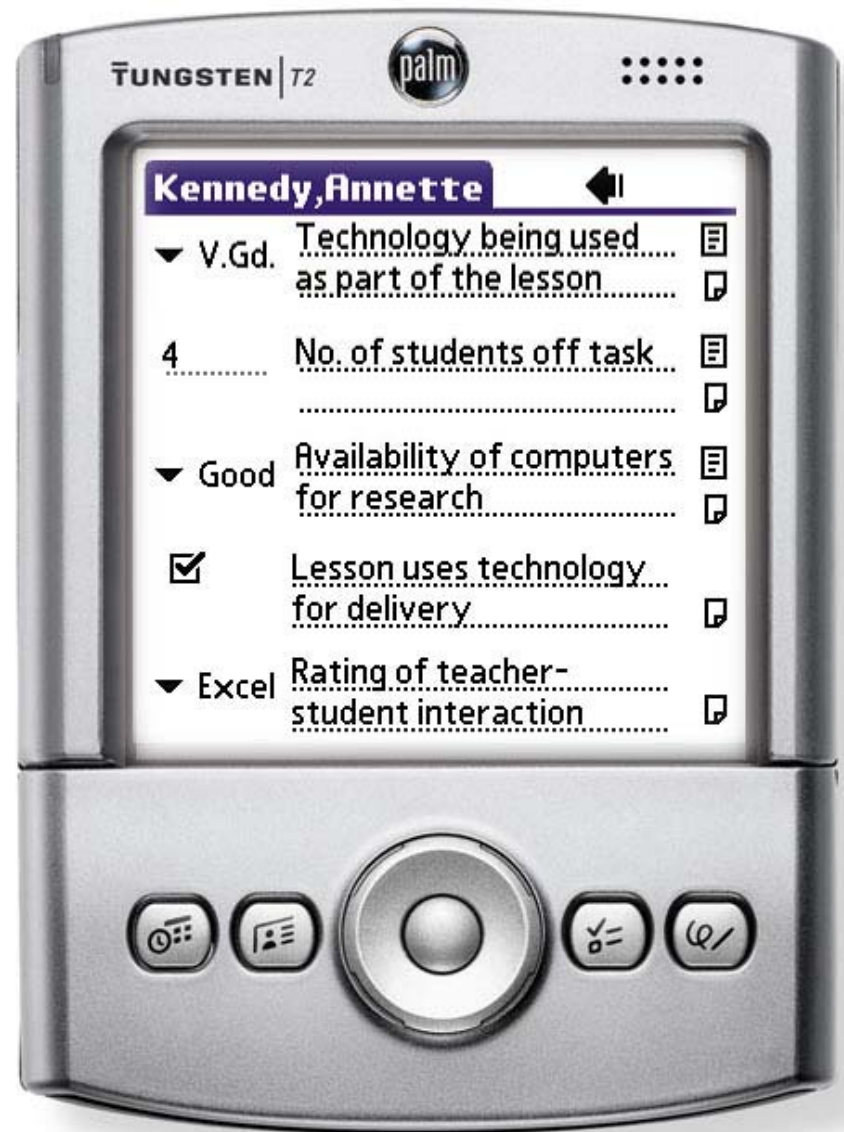
An integrated suite of web-based, Palm handheld connected products that help education professionals collect and manage data for decision-making.



Powered by
mxwebTM
Data-driven decisions



eWalk™





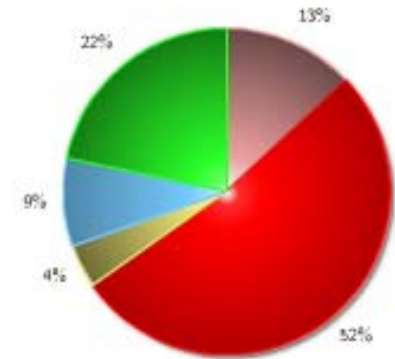
What is eWalk?

- Web-based data collection system with handheld connectivity
- Designed for both school and district-level usage
- Easy to implement with Media-X providing assistance as needed
- Flexible system that can be used for wide variety of applications

eWalk model

Observe

Record



Aggregate

Analyze

Report

Compare

Adjust

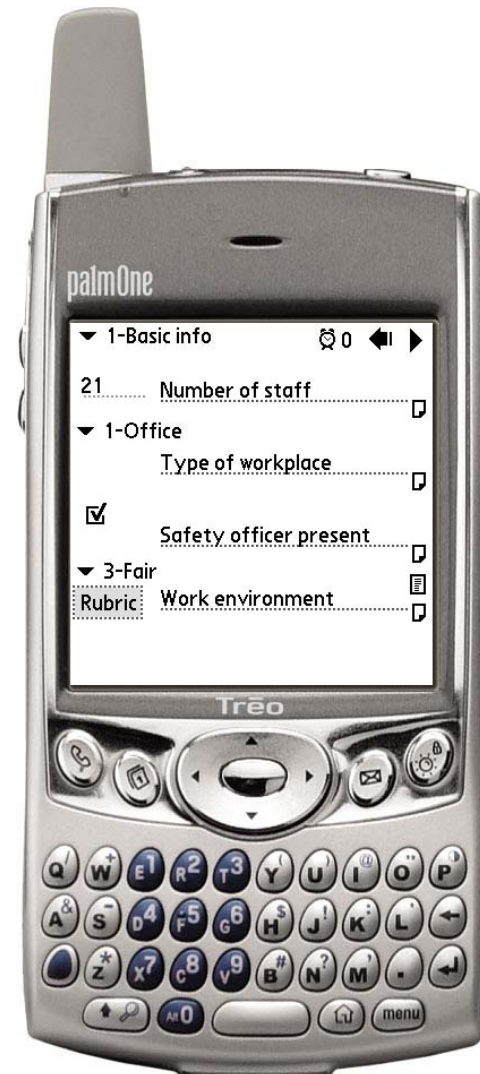


eWalk implementation



eWalk helps make an easy conversion from a paper-based to electronic data collection process

eWalk in action





3 minute walk-through (original print form)

Word Document

Rockland Independent School District.doc - Microsoft Word

File Edit View Insert Format Tools Table Window Help

Type a question for help

Normal Times New Roman 12 B I U

Final Showing Markup Show

Insert Word Field

3 1 2 1 1 1 1 1 1 1 2 1 3 1 4 1 5 1 6 1 7 1 8 1 9 1 10 1 11 1 12 1 13 1 14 1 15 1 16 1 17 1 18

Rockland Independent School District
Administrator Walk-through Document

Date: _____ Time: _____ School: _____

Teacher name: _____

Please record the following information:

| | |
|---|----------------------------------|
| 1. Secondary School Grade Level: _____ | 2. Number of ESL students: _____ |
| 3. Number of IEP students _____ | 4. Males _____ Females _____ |
| 5. Classroom decorum _____ In control _____ Mild chaos _____ Out of control _____ | |

Part II

A. Student Engagement:

Highly engaged _____ # Somewhat engaged _____ # Off task _____

Page 1 Sec 1 1/1 At Ln Col REC TRK EXT OVR English (U.S.)

Converted to eWalk template

eWalk - Manage Template - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Home Search Favorites Media

Mon., May 23, 2005 (stevem)

Cancel Save Share Preview Logout Help

mxWeb > eWalk > Templates > Manage Template

Manager - Pineview High School

| General Info | Page 1 5 element(s) | Page 2 4 element(s) | Page 3 0 element(s) | Page 4 0 element(s) | Page 5 0 element(s) | Page 6 0 element(s) |
|------------------------------|-------------------------------------|--|----------------------------|-----------------------------|------------------------|------------------------|
| Walk-Through Elements | | | Associate Checklist | | | |
| Page Label | Demographics | | | | | |
| <input type="checkbox"/> 1 | <input type="text" value="123"/> | Sec Grade Level | Checklis | <none> | | |
| <input type="checkbox"/> 2 | <input type="text" value="123"/> | Number of ESL students | Checklis | <none> | | |
| <input type="checkbox"/> 3 | <input type="text" value="123"/> | Number of IEP students | Checklis | <none> | | |
| <input type="checkbox"/> 4 | <input type="text" value="ABC"/> | Gender breakdown | Number | Gender | | |
| <input type="checkbox"/> 5 | <input type="text" value="R"/> | Classroom decorum | Checklis | <none> | | |
| Page Label | Observables | | | | | |
| <input type="checkbox"/> 1 | <input type="text" value="ABC"/> | Student engagement | Number | Student engagement | | |
| <input type="checkbox"/> 2 | <input type="text" value=""/> | Technology usage | Checklis | Technology in the classroom | | |
| <input type="checkbox"/> 3 | <input type="text" value="ABC"/> | Materials used for learning | Checklis | Materials being used | | |
| <input type="checkbox"/> 4 | <input checked="" type="checkbox"/> | Health and safety procedures up to date. | Checklis | <none> | | |

This templates is now ready for ready to use with eWalk on the Palm handheld.

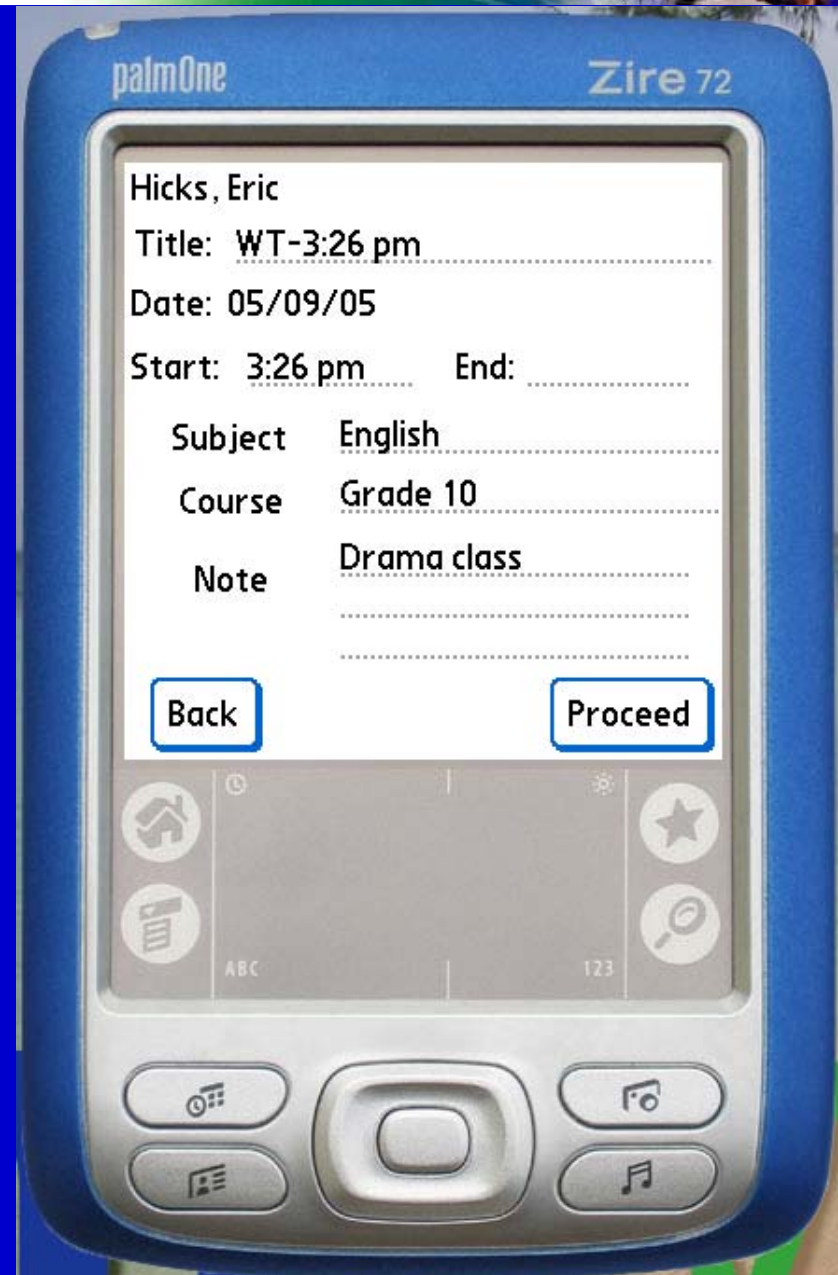
The conversion from Word document to eWalk template was completed in less than 15 minutes.



Using the template now is
fast and easy.

Time, date are automatically
entered.

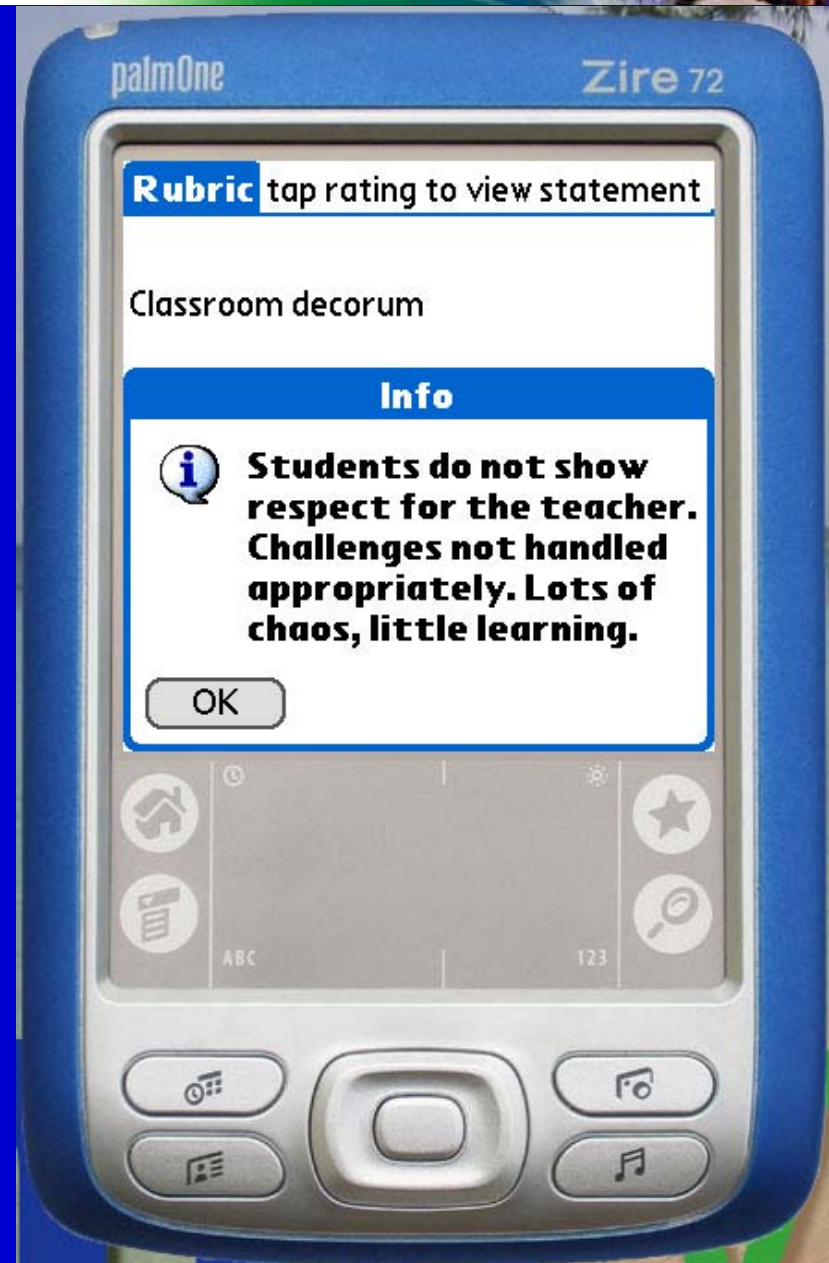
Teacher is chosen from a
pulldown list.



Information is entered using pull-downs, number entry keypad, checklists, etc.



Rubrics can supply
additional detail when
selecting ratings



A checklist and anecdotal note can be attached to each data element





Completed walk-throughs

Completed walk-throughs are sent to the web from the Palm handheld using a standard HotSync, or a wireless upload.

Walk-through can be edited, emailed, printed.

Custom forms can be easily created with District logos, built-in graphs and mathematical calculations and formulas (smart forms.)

eWalk - Print Walk-Through - Microsoft Internet Explorer

Print Walk-Through Standard Printing Print as PDF

| Email Title | Subject Email |
|--------------------|-----------------------------|
| eWalk Walk-Through | emarleau@rockland.k12.md.us |

Email Note

Eric
Enjoyed visiting your class today.

Send Email

Page 1

| Walk-Through Name | Template |
|-------------------|----------------------|
| WT - 3:26 pm | 3 minute walkthrough |

| Category | Subject |
|----------|------------|
| none | Eric Hicks |

| Start Date | End Date |
|--------------------------|--------------------------|
| Mon May 09 2005 03:26 PM | Mon May 09 2005 04:55 PM |

Subject
English

Course
Grade 10

Note
Drama Class

Demographics

| | |
|---|------------|
| 1. Sec Grade Level | 10 |
| 2. Number of ESL students New students from Egypt. | 2 |
| 3. Number of IEP students | 1 |
| 4. Gender breakdown - Number of females - Number of males | - |
| 5. Classroom decorum | In control |

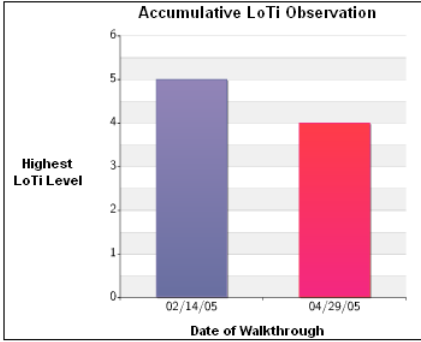
Custom print forms

eWalk - Print Walk-Through - Microsoft Internet Explorer

Page 1

LoTi Texas Individual Walkthrough Observation Report

Walkthrough Information
Date: 04/29/05 02:10 PM
Name: Susan Birrell
Position: Teacher
Settings: Computer Lab
Notes: Students working in classroom on interactive math and science project.




Technologies Used
Internet Technology: ☒ web project ☒ research
Video Technology: ☒ video report ☒ broadcast
Other Technologies: ☒ Graphics/ ☒ Hypermedia

Curriculum Areas Observed
TEKS Integration:

eWalk - Print Walk-Through - Microsoft Internet Explorer

Page 1



Seneca R-7 School District

seneca, mo

WALK - IN OBSERVATION

Teacher Name: Mark Powers
Grade/Class:
Date: Fri Feb 25 2005 **Entrance:** 04:00 AM **Exit:** 04:00 AM

eWalk - Print Walk-Through - Microsoft Internet Explorer

Quality Assurance Kitchen Evaluation

School: Greenhill Elementary Supervisor: John Smith
 Evaluator: Jim Baldoni Manager: John Smith
 Date of Evaluation: Thu Dec 09 2004 Time: 09:15 AM Score: 4

| I. FOOD QUALITY | | | III. FACILITIES / EQUIPMENT | | |
|-----------------|-----------|----------|--|-----------|----------|
| Menu Items | Possible | Actual | Items | Possible | Actual |
| HOT FOODS | 5 | 3 | FRONT OF THE HOUSE - SERVING LINES: HOT/COLD STATION | 5 | 0 |
| SALADS | 5 | 0 | | | |
| SANDWICHES | 5 | 1 | FRONT OF THE HOUSE - BEVERAGE EQUIPMENT | 5 | 0 |
| BREAD | 4 | 0 | FRONT OF THE HOUSE - COOKING EQUIPMENT | 3 | 0 |
| DESSERTS | 5 | 0 | BACK OF THE HOUSE - STORAGE EQUIPMENT | 4 | 0 |
| BEVERAGE | 2 | 0 | BACK OF THE HOUSE - PREPARATION EQUIPMENT | 2 | 0 |
| EXTRA PRODUCTS | 2 | 0 | BACK OF THE HOUSE - GENERAL SANITATION/SAFETY | 9 | 0 |
| TOTAL | 28 | 4 | TOTAL | 28 | 0 |

| II. OPERATIONS | | | SUMMARY | | |
|------------------|-----------|----------|-----------------------------|-----------|----------|
| Areas | Possible | Actual | Categories | Possible | Actual |
| MANAGEMENT | 12 | 0 | I. FOOD QUALITY | 28 | 4 |
| CUSTOMER SERVICE | 8 | 0 | II. OPERATIONS | 26 | 0 |
| PERSONNEL | 6 | 0 | III. FACILITIES / EQUIPMENT | 28 | 0 |
| TOTAL | 26 | 0 | TOTAL | 82 | 4 |

Teacher was:

☒ Mobile ☒
☐ Standing ☐
☐ Desk (seated) ☐
☐ Absent ☐
☒ Prepared ☒
☐ Unprepared ☐
☐ Other ☐

Classroom Climate:

☒ Comfortable ☒
☐ Uncomfortable ☐
☐ Organized ☐
☐ Unorganized ☐
☐ Other ☐

Editing walk-throughs

All uploaded walk-throughs on the web can be easily reviewed and modified if necessary.

eWalk - Walk-Through - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Search Favorites Media

Fri., Apr. 15, 2005 (stevem)

Cancel Save Comment Library Print/Email Logout Help

mxWeb > eWalk > Walk-Through > Media-x Standard

Manager for Quality Assurance Inc.

General Basic info Detail

1. 12 Number of staff

2. Office Type of workplace
Large cafeteria serving over 120 staff daily

3. ☒ Safety officer present

4. Fair Work environment

☐ Ventilation ☐ Removal of fumes and dust

☒ Temperature and humidity control ☒ Noise levels controlled

☐ Vibration ☐ Ergonomic work area

☐ Ergonomic furniture

Problems noted with hood fans.

Save

Storing and retrieving walk-throughs

Walk-throughs can be viewed and sorted by date, template, subject, etc.

eWalk - Walk-Through - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Home Search Favorites Media

Fri., Apr. 15, 2005 (stevem)

Done New Walk. Print List Print All Logout Help

mxWeb > eWalk > Walk-Through

Manager for Quality Assurance Inc.

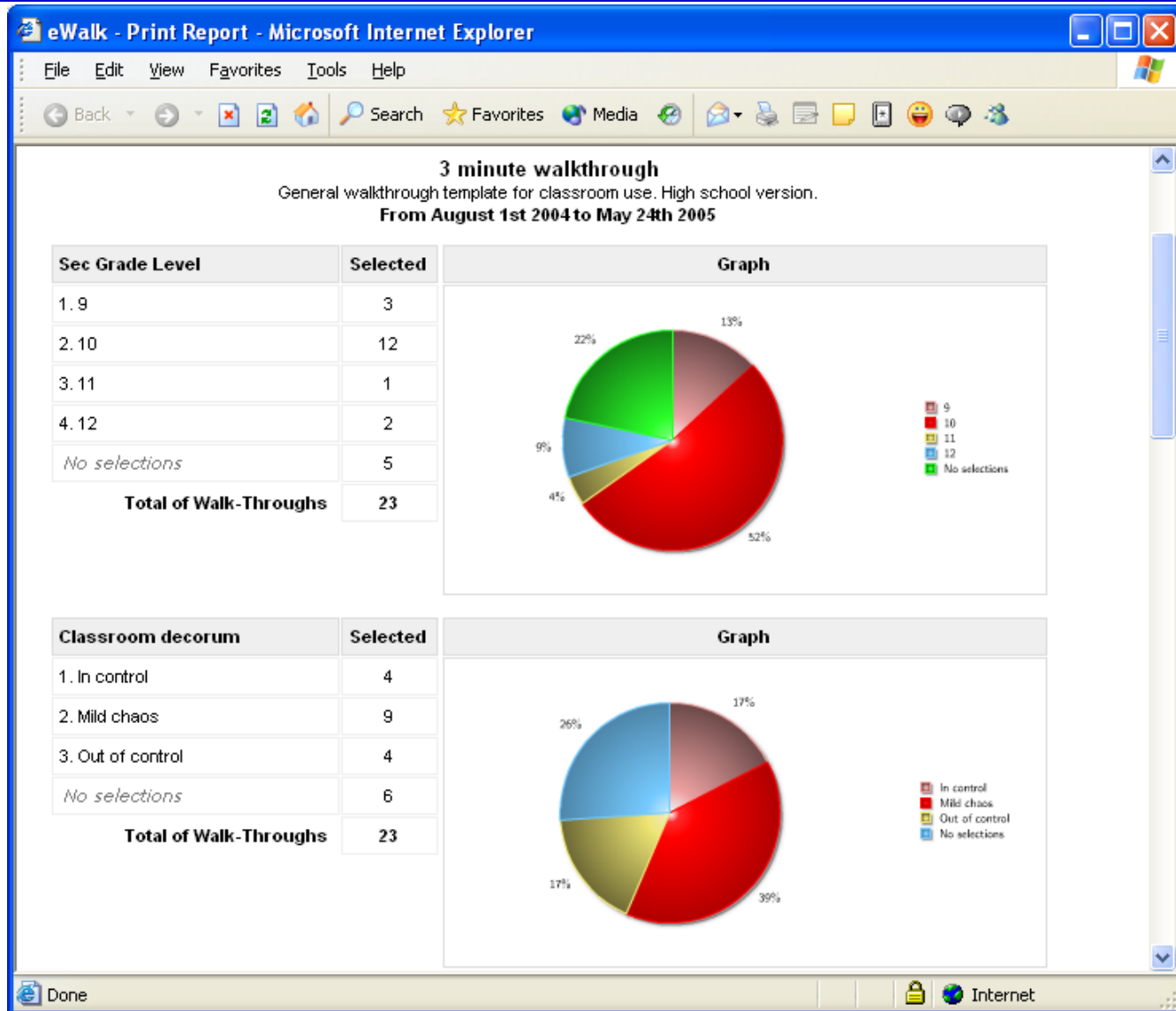
| Display Category | Display Template | Display Subject | Display Member | Sort By Date |
|------------------|------------------|-----------------|----------------|--------------|
| All Categories | Workplace Safety | Not Applicable | Not Applicable | Newest |

| | Name | Category | Template | Subject | Start Date |
|---|---------------------------|-------------|------------------|------------|---------------------|
| X | 1625 - Grounds (Victoria) | No category | Workplace Safety | No subject | 04/15/2005 05:30 am |
| X | 1626 - Mail room | No category | Workplace Safety | No subject | 04/15/2005 05:30 am |
| X | 1553 - Cafeteria | No category | Workplace Safety | No subject | 04/07/2005 11:30 am |
| X | 1526 - IT | No category | Workplace Safety | No subject | 04/05/2005 01:15 pm |

Data from walk-throughs can be viewed in numerical or graphical formats.

Currently there are more than a dozen different built-in eWalk reports.

Custom reports can be easily created.



Cross-tabulation analysis

Dynamic cross-tabulation feature allows comparison of eWalk elements.

eWalk - Cross Tabulation Report - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Home Search Favorites Media

Print Report

Select Graph Output Type
Animated

Select element for row heading
Sec Grade Level

Select element for column heading
Number of IEP students

Page 1

Cross Tabulation Report
3 minute walkthrough
From August 1st 2004 to May 24th 2005

| | | Number of IEP students | | | | |
|-----------------|----|------------------------|---------|--------|---------|-------|
| | | Minimum | Maximum | Median | Average | Total |
| Sec Grade Level | 9 | 1 | 4 | 2 | 2.33 | 7 |
| | 10 | 1 | 5 | 1 | 1.50 | 18 |
| | 11 | 1 | 1 | 1 | 1.00 | 1 |
| | 12 | 2 | 3 | 3 | 2.50 | 5 |

Done Internet

Data analysis

For further analysis all data can be exported as standard .csv file for use in Excel, FileMaker or other databases.

eWalk - Export Data - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Home Search Favorites Media

Fri., Apr. 15, 2005 (stevem) Done Logout Help

mxWeb > eWalk > Export Data

Manager for Quality Assurance Inc.

Select Set

Workplace Safety

Select School/Board

☐ Kanata District School Board

☐ Ottawa Board

☐ Solid Oaks DSB

Select All Schools Deselect All Schools

Select Period

Start Date August 2004

| S | M | T | W | T | F | S |
|----|----|----|----|----|----|----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| 8 | 9 | 10 | 11 | 12 | 13 | 14 |
| 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| 29 | 30 | 31 | | | | |

End Date April 2005

| S | M | T | W | T | F | S |
|----|----|----|----|----|----|----|
| | | | | | 1 | 2 |
| 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| 10 | 11 | 12 | 13 | 14 | 15 | 16 |
| 17 | 18 | 19 | 20 | 21 | 22 | 23 |
| 24 | 25 | 26 | 27 | 28 | 29 | 30 |

General

☒ Owner name and unique ID

☒ Custom labels values

☒ Start time

☒ End time

☒ Subject name

Data

☒ Element value

☒ Element note

☒ Element checklist value

Export Data Remove all files

Data Files

[Download Data File \(data.csv\)](#)

[Download Data File \(header.csv\)](#)

To download the export file to your computer:

1. Click on the download link

eWalk data exported in Excel format

Microsoft Excel - data.csv

Type a question for help

File Edit View Insert Format Tools Data Window Help Adobe PDF

100%

Arial 10 B I U

Reply with Changes... End Review...

H12

| | A | B | C | D | E | F | G | H | I | J | K |
|----|--------------------|----------------|---------------|------------------|------------------|--------------|-----------------|------------|-----------|-----------|-----------|
| 1 | Walk-Through Name | Owner Name | Location | Start Time | End Time | Subject Name | Element_1 | Element_1 | Element_1 | Element_1 | Element_1 |
| 2 | Executive Offices | Steven Moretti | 21st Floor | 04/15/2005 05:50 | 04/15/2005 05:50 | 18 | Office | | F | | Accepta |
| 3 | Accounting | Steven Moretti | Accounting | 04/15/2005 05:50 | 04/15/2005 05:50 | 30 | Office | | F | | Crisis |
| 4 | Repair centre | Steven Moretti | Repair Centre | 04/15/2005 05:45 | 04/15/2005 05:45 | 15 | Industrial Shop | | F | | Accepta |
| 5 | Mail room | Steven Moretti | Mail room | 04/15/2005 05:30 | 04/15/2005 05:30 | 6 | Office | | F | | Fair |
| 6 | Grounds (Victoria) | Steven Moretti | Grounds | 04/15/2005 05:30 | 04/15/2005 05:30 | 12 | Outdoor | | T | | Accepta |
| 7 | Cafeteria | Steven Moretti | Cafeteria | 04/07/2005 11:30 | 04/07/2005 11:30 | 12 | Office | Large cafe | T | | Fair |
| 8 | IT | Steven Moretti | IT Centre | 04/05/2005 13:15 | 04/05/2005 13:15 | 21 | Office | | F | | Crisis |
| 9 | | | | | | | | | | | |
| 10 | | | | | | | | | | | |
| 11 | | | | | | | | | | | |
| 12 | | | | | | | | | | | |
| 13 | | | | | | | | | | | |
| 14 | | | | | | | | | | | |
| 15 | | | | | | | | | | | |
| 16 | | | | | | | | | | | |
| 17 | | | | | | | | | | | |
| 18 | | | | | | | | | | | |
| 19 | | | | | | | | | | | |
| 20 | | | | | | | | | | | |
| 21 | | | | | | | | | | | |
| 22 | | | | | | | | | | | |
| 23 | | | | | | | | | | | |
| 24 | | | | | | | | | | | |
| 25 | | | | | | | | | | | |
| 26 | | | | | | | | | | | |
| 27 | | | | | | | | | | | |
| 28 | | | | | | | | | | | |
| 29 | | | | | | | | | | | |
| 30 | | | | | | | | | | | |

data/

Ready

Other eWalk examples

Palm OS Simulator - [NTFull_enUS...]

Bowie, David

21 Classroom temperature.....

▼ Parti General health and safety procedures being.....

0 Number of windows open.....

Not at all
Somewhat
Completely

nts wearing lab
googles, etc. as
er modelling good
/ practices

APPLICATIONS MENU CALCULATOR FIND

Health & Safety

Palm OS Simulator - [NTFull_enUS...]

1-Page 1

CURRICULUM

▼ 2-No use of curriculum pacing

T1 - Teaching Objectives

☒ T2 On Target for

☒ T4 - Text/Materials on

☒ T3 - Bloom's Taxonomy -

APPLICATIONS MENU CALCULATOR FIND

Bloom's Taxonomy

Palm OS Simulator - [NTFull_enUS...]

1-Page 1

2-M

Gender

8 Age (years)

5 Age (months)

65 Weight (lbs)

48 Stature (in)

APPLICATIONS MENU CALCULATOR FIND

Body Mass Index

- Collect data from unlimited number of Palm handhelds or through direct entry on web
- Instant analysis of submitted walk-throughs
- Export data for further analysis
- Simple data entry can be used with sophisticated “smart forms” that can be saved as PDF documents with graphics and logos.



e W a l k TM

Powered by
mxweb TM
Data-driven decisions